

Form PTO-1449
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Naoki AYAI

FILING DATE

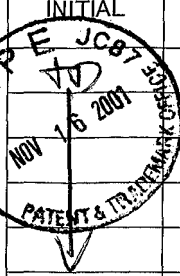
08/27/2001

GROUP ART UNIT

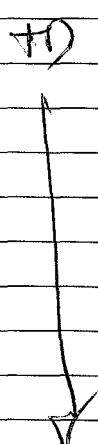
Unassigned

2827

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	5,639,714	06/17/97	Hikata et al.	505	433	I
	A2	6,276,048	08/21/01	Hikata et al.	29	599	
	A3	6,311,835	11/06/01	Okuhara et al.	206	308.1	
	A4	6,110,873	08/29/00	Duperray et al.	505	431	
	A5	5,981,444	11/09/99	Sawada et al.	505	433	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A6	03138820	06/13/91	Japan				Abstr.
	A7	11312420	11/09/99	Japan				Abstr.
	A8	11007846	01/12/99	Japan				Abstr.
	A9	01140520	06/01/89	Japan				Abstr.
	A10	96/28853	09/19/96	WO				Abstr.
	A11	10050152	02/20/98	Japan				Abstr.
	A12	10247428	09/14/98	Japan				Abstr.
	A13	03015116	01/23/91	Japan				Abstr.
	A14	03015115	01/23/91	Japan				Abstr.
	A15	63239741	10/05/88	Japan				Abstr.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

TUAN DINH

DATE CONSIDERED

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